

RELAY · MIS-RE324 · MIS-RE325

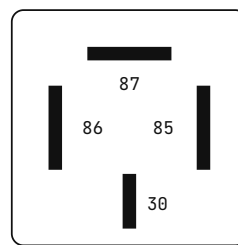
7102 (JD1912) Relay

12V · 40A · 4-pin · 1 Form A

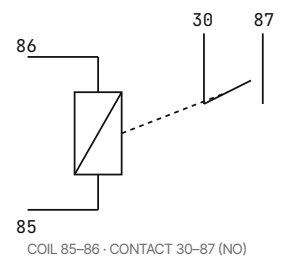


3D RENDER · MIS-RE324

Nominal voltage	12V DC
Rated load	40A · 14V DC
Contact material	AgSnO ₂
Versions	MIS-RE324 · transparent MIS-RE325 · black



TOP VIEW (TERMINAL SIDE)



COIL 85-86 · CONTACT 30-87 (NO)

Contacts

Contact form	1 Form A (SPST-NO)
Rated load	40A · 14V DC
Max. carrying current	40A
Max. make current	60A
Max. break current	40A
Max. switching power	560W
Contact resistance	≤ 100 mΩ
Contact material	AgSnO ₂

Coil (12V)

Nominal voltage	12V DC
Coil current	133 mA
Coil resistance	90 Ω ±10%
Coil power	≈ 1.6 W
Pull-in voltage	≤ 70% (8.4V)
Drop-out voltage	≥ 10% (1.2V)

Performance

Operate time	≤ 15 ms
Release time	≤ 15 ms
Dielectric, coil to contacts	1000V AC, 1 min
Dielectric, open contacts	750V AC, 1 min
Insulation resistance	≥ 100 MΩ (500V DC)
Operating temperature	−30 °C ... +80 °C
Humidity	45–80% RH
Vibration	10–55 Hz, 1.5 mm
Shock (endurance · operation)	100 g · 10 g
Mechanical life (operations)	10,000,000
Electrical life (operations)	100,000
Weight	≈ 40 g

Dimensions

Footprint	28 × 26 mm
Terminal length	11 mm
Terminal blade	6.3 × 0.8 mm
Pins	30 · 85 · 86 · 87

Values at 20 °C unless stated, as published for the JD1912 relay type. Coil figures at the 12V coil. Check the rating against your load before fitting. Subject to change without notice.